

KNH

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ABSTRACT OF THE DISCLOSURE

A process for producing a non-woven composite fabric by water-jet entangling. First, at least two webs are formed. These at least two webs include at least one spunbonded web or meltblown web. Then, the at least two webs are consolidated by water-jet entangling into a non-woven composite fabric. Compared to a conventional process using thermal bonding to consolidate webs, since the present invention uses water-jet entangling to consolidate webs, the non-woven composite fabric produced from the present invention has superior softness. In addition, the non-woven composite fabric produced from the present invention can be further processed to produce various non-woven composite fabric products such as disposable diapers, sanitary napkins, panty liners, and artificial leather, all with superior softness.